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**FACSIMILE COVER SHEET**

DATE: April 24, 2007

TO: EXAMINER: Bernard Rojas      FAX NO.: 571-273-8300  
GAU: 2832

FROM: John R. Schell  
Reg. No. 50,776

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U.S. APP NO.: 10/616,719

FILING DATE: July 10, 2003

APPLICANT(S): Hee-Gyoun Lee et al.

ATTY DKT NO.: 1014-SP217-US

TITLE: RARE-EARTH BA-CU-O SUPERCONDUCTORS AND METHODS  
OF MAKING SAME

NO. OF PAGES (INCL. COVER SHEET): 18

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Attached please find:

- Transmittal Form (1 pg)  
 Response to Office Action (16 pgs)

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PAGE 1/18 \* RCVD AT 4/24/2007 12:23:12 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/17 \* DNIS:2738300 \* CSID:512 327 5452 \* DURATION (mm:ss):05-14

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NO. 1215 P. 2

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

Application Number	10/616,719
Filing Date	July 10, 2003
First Named Inventor	Hee-Gyoun Lee
Art Unit	2832
Examiner Name	Bernard Rojas
Attorney Docket Number	1014-SP217-US

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ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Firm Name	LARSON NEWMAN ABEL POLANSKY & WHITE, LLP	
Signature		
Printed name	John R. Schell	
Date	4-24-07	Reg. No. 50,776

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hee-Gyoun Lee et al.

Title: RARE-EARTH BA-CU-O SUPERCONDUCTORS AND METHODS OF  
MAKING SAME

App. No.: 10/616,719 Filed: July 10, 2003

Examiner: Bernard Rojas Group Art Unit: 2832

Customer No.: 34456 Confirmation No.: 3342

Atty. Dkt. No.: 1014-SP217-US

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MS AMENDMENT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

## RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed January 24, 2007, please amend the above-identified application as follows:

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